

solo +

Lightweight and compact, this tent is designed to give ample space for the lone mountaineer or backpacker, while as a bivouac or emergency shelter two persons can make do. Tent is 7' long, 30" wide at rear and 36" wide at front. Height at front peak is 36" and 24" at rear. Front vestibule section extends another 30" giving an extreme length of 9½'. Entrance is a zippered door, with a zippered screen door behind. Floor, lower walls (8" high) and vestibule are coated waterproof nylon. Tent walls are 1.9 oz. ripstop nylon. Vent is located in vestibule and a small semi-circular window (screened) is set in rear wall. Flysheet of coated ripstop. Cookhole set in floor at front of tent. Pegs, guys and carry sack included.

TENT: **\$49.50** POLES: **\$9.50** FLYSHEET: **\$14.50**
COMPLETE TENT: **\$73.50**

SPECIFICATIONS:

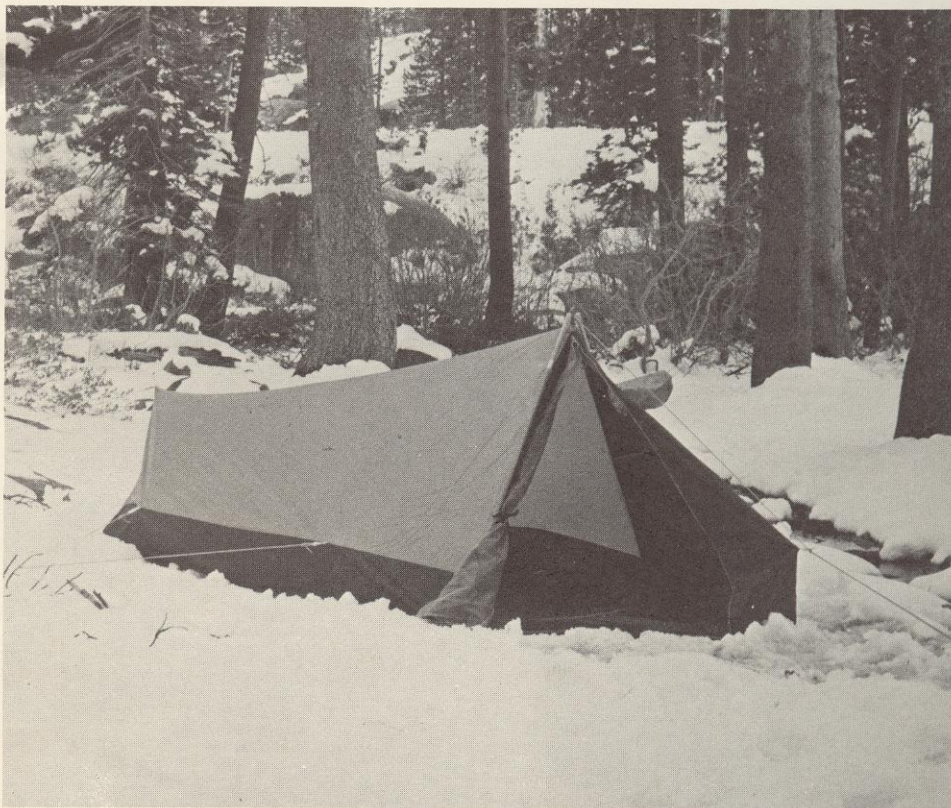
Total Wgt.: 4 lbs. (w/pegs)

Tent Wgt.: 2 lbs., 2 oz.

Pole Wgt.: 14 oz.

Packed Size: 7" x 18"

Fly Wgt.: 12 oz.



glacier

Our finest tent for two persons and their equipment. The arrangement of catenary-cut wall panels and pullouts gives optimum interior for the 7½x4½ foot floor area. The carefully cut walls stretch without sag or wrinkle. We have made a significant change in the Glacier this year by the addition of an alcove at the tunnel entrance. The alcove extends 28" along centerline of tent. With virtually no increase in weight, the floor space has been increased by 4½ square feet. This extra storage area serves to increase the "living" space by freeing it of clutter. Glacier tent has two entrances: tunnel door at one end and zipper door at other. Superb ventilation is achieved by adjustment of these doors and the peak vent at tunnel end. Each entrance has a screen door which will keep out all insects and animals. Lower walls around tent are made of Nylport to a height of 12". Flysheet overlaps these lower walls to make a very dry tent in all weather. Flysheet zippered at tunnel door. Zippered cookhole is standard equipment, as well as pocket attached to walls at each end of tent for small items. Tent supplied with pegs, guylines and carrying sacks. COLORS: Blue or Orange.

Tent	Poles	Rainfly/K-kote Ripstop	Complete Glacier Tent
\$94.00	\$18.00	\$26.00	\$138.00

Specifications:

Total Wgt: 7 lbs. (w/wire pegs)

Pole Wgt.: 1½ lbs.

Fly Wgt.: 1¾ lbs.

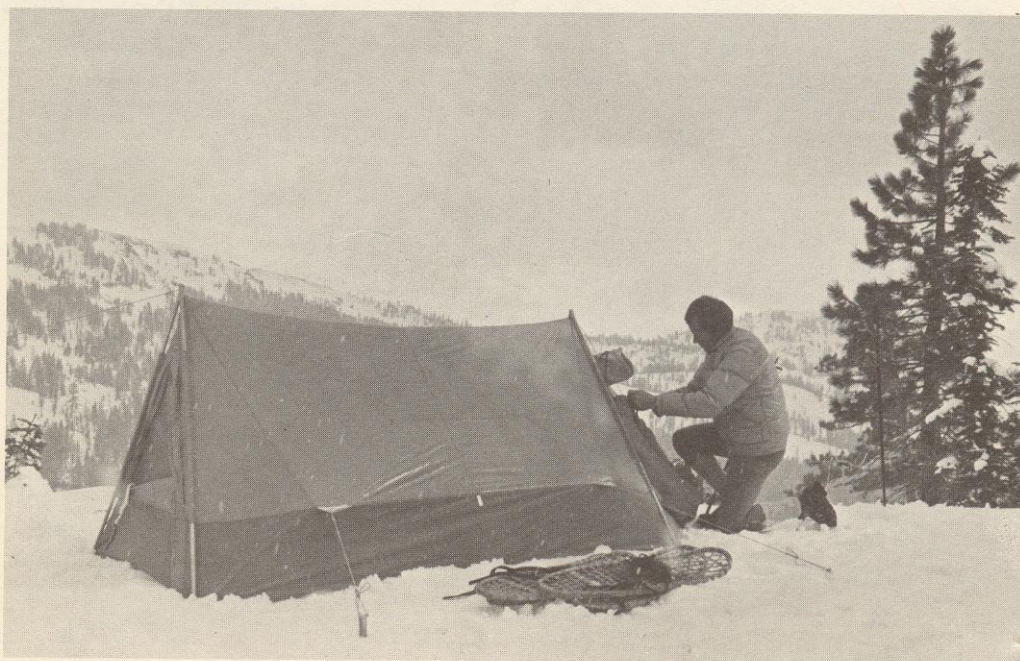
Tent Wgt.: 3¾ lbs.

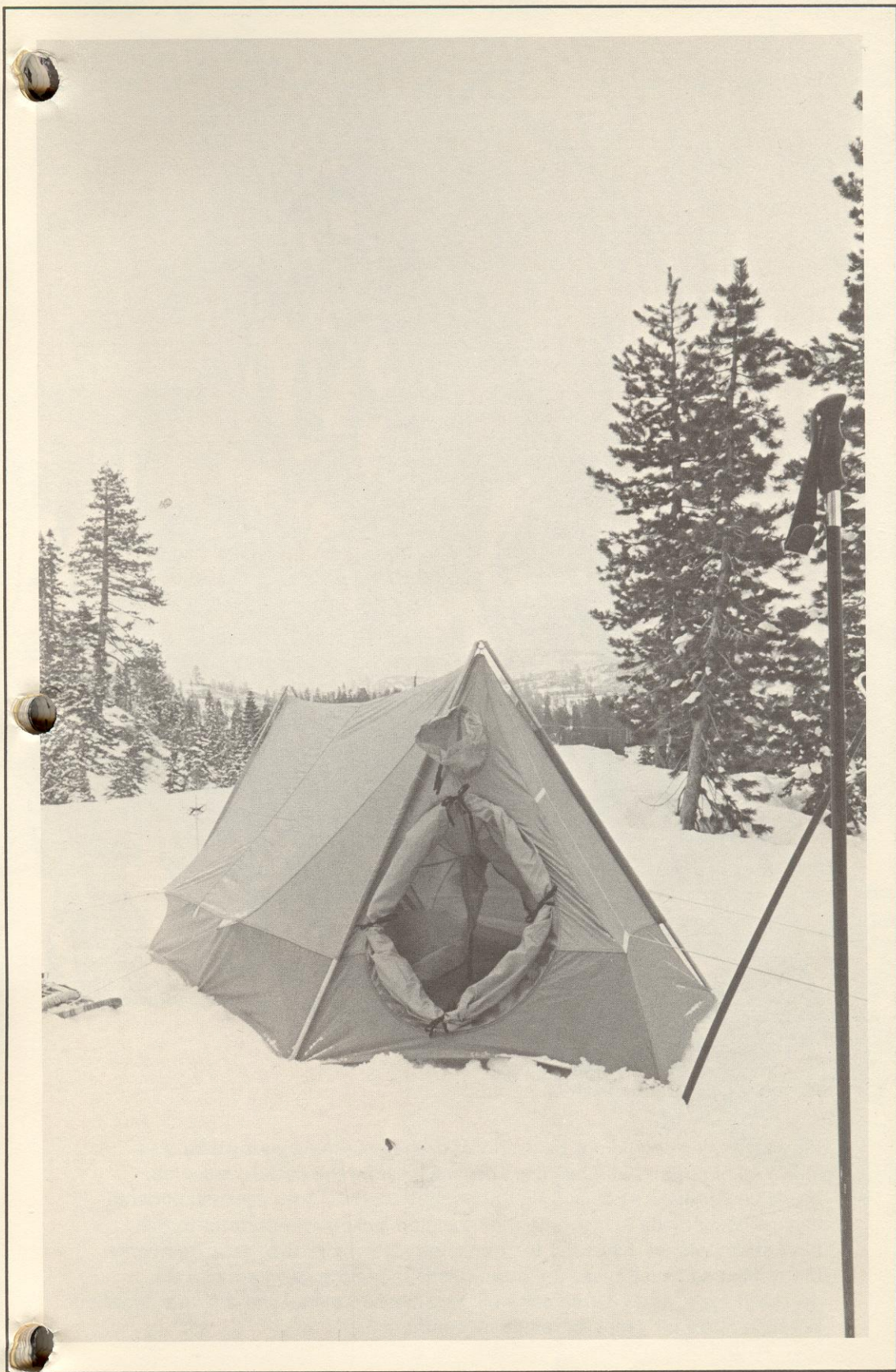
Floor Size: 7½'x4½' + 4½ sq. ft. alcove.

Height: 45" both ends.

Packed Size: 7" x 22"

FROST LINER: A nylon frost liner is available for Glacier tent. Attachments included. If ordering frost liner separately, you must return tent for attachment. COLOR: White. Weight: 14 oz. **\$22.00**



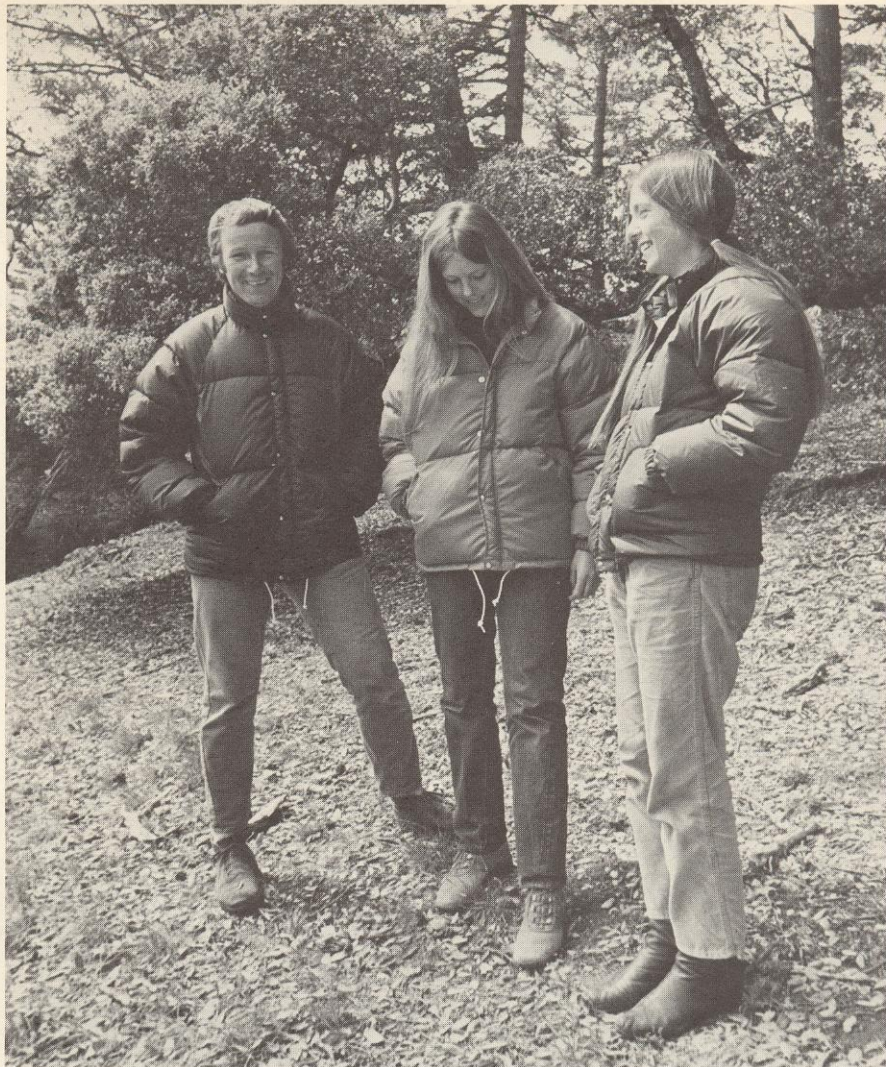


clothing

16



Proper clothing should not be overlooked when planning your wilderness "kit." All of our clothing has been developed from the pattern stage up, based on our experience and that of our customers. There is constant detail change being made to insure that parkas and jackets will perform to the high standards we have set for ourselves. We make two basic garments: down-filled and shell type. The down-filled, insulating garment, and the overshell type work extremely well together or alone and the combinations possible allow for great extremes of weather.



sierra jacket

This is our most popular item of clothing. A 6½" x 11" package providing you with instant warmth on the chill mornings and evenings typical of Alpine camping. This is truly a jacket you will take with you everywhere — ski-touring, climbing, to cool and windy beaches and around town. Jacket is cut to raglan sleeve pattern and is hip-length with drawcord bottom. Collar is 2" high and snaps across throat. Front closure is nylon zipper with a 2" snap-closed flap covering zipper. Cuffs have elastic and snaps for controlled ventilation. Down-filled pockets for warm hands and small items. Fabric is a tough down-proof nylon. Avg. fill of 7 ounces prime goosedown. Sizes: X-SM., SM., MED., LGE., X-LGE. COLORS: Dark Blue. Orange, Stuffsack included. (Detachable hood available). Weight: 20 oz. (Large.)

\$34.50

whitney parka

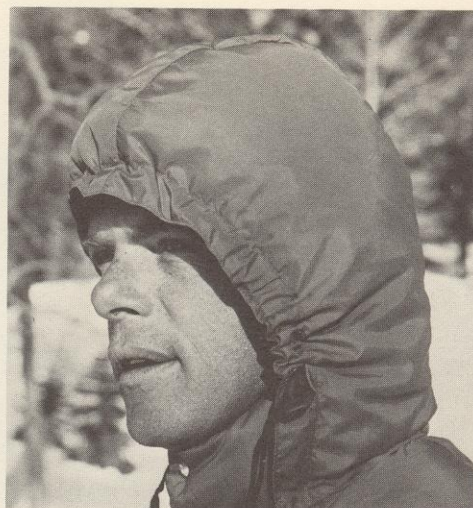
The Whitney Parka is based on the Sierra Jacket pattern, but is cut 4" to 5" longer and shaped slightly through the body. The Whitney is an excellent choice of parka to serve both the needs of the mountaineer and the skier. Closure is nylon zipper covered with a storm flap that snaps shut over zipper. Two pockets on front of parka close with nylon zippers. Drawcord at waist. Cuffs have elastic and snaps for ventilation control. Collar is down-filled and can be closed snugly at throat. Average fill of prime goosedown 10 ounces. Sizes: X-SM., SM., MED., LGE., X-LGE. COLORS: Dark Blue or Copper. Stuff-sack included. Avg. weight: 24 oz. (Detachable hood available). **\$40.50**



down hood

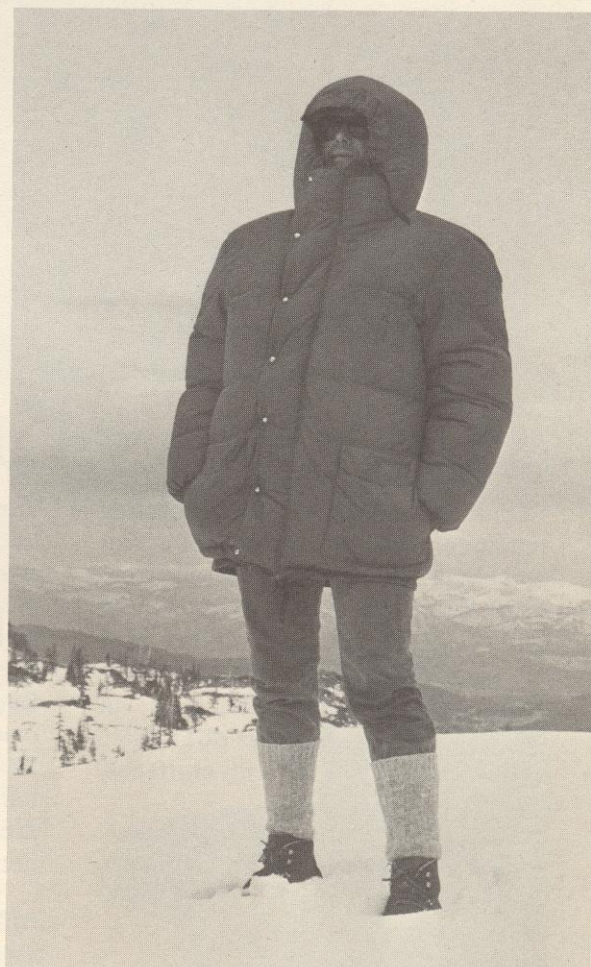
for sierra jacket or
whitney parka

A goosedown-filled hood that fastens to either of the above parkas with three snaps. Specify size of jacket and color. COLORS: Dark Blue, Orange, Copper. Wgt.: 3 oz. **\$4.75**



minaret parka

Designed for really bitter conditions. This parka is built like a baffled sleeping bag to take temperatures of subzero register. Differentially cut with baffle tubes made of nylon net — fully blocked against down shift. Shell fabric is 1.9 oz. ripstop nylon. Average thickness 2" + . . . fill of 1 lb. prime goose-down. Parka is cut long and has drawcord bottom. Nylon zipper front with down-filled baffle and back-up snaps to insure against closure failure. Cuffs are elastic and snaps. Attached hood baffled and down-filled. Pockets at front are down-filled and close with Velcro tape. Hand-warmer pockets behind main pocket. Sizes: SM., MED., LGE., X-LGE. COLORS: Red or Blue. Wgt.: 2 lbs., 2 oz. **\$80.00**





down vest

Excellent insulation with absolute minimum weight. Used alone, or combined with shell parka, the vest lends itself to a wide variety of uses and conditions. Average filling of 4 oz. goosedown. Nylon zipper closure and handwarmer pockets. Vest cut 3" longer in back and has down-filled collar 2" high. Comes with stuffsack.

SIZES: X-SM., SM., MED., LGE., X-LGE. COLORS: Red or Willow Green.
Wgt.: 10 oz.

\$20.00

down sweater

The lightest of down jackets. We introduce this new item as a midway alternative to our Down Vest or Sierra Jacket. Designed for the climber or backpacker going high and going light. Simplicity is the line of our Down Sweater. Fits closely; zipper closure at front, and elastic at wrists. Down-filled collar, and down-filled hand-warmer pockets. 2 oz. nylon fabric is filled with prime silver-gray goosedown. Stuff sack included.

SIZES: X-SM., SM., MED., LGE., X-LGE. COLORS: Willow Green or Red.
Wgt.: 16 oz.

\$29.50

wind pants

1.9 oz. ripstop fabric. Adjustable waist, two patch pockets and Velcro tape closure at ankle. Give waist, inseam and outseam measurements. COLORS: Blue or Orange. Wgt.: 8 oz. **\$12.50**

down pants

Supernyl shell filled with goose-down. Quilt-through construction. Gussets set on outside of legs allow pants to go on over boots. Adjustable waist; two patch pockets. Stuff sack is included. COLORS: Blue or Orange. Wgt.: 18 oz. Provide inseam, outseam and waist measurements. **\$30.00**



down booties

For cold-feet people—around camp, in sleeping bag or tent, or anywhere else. Goosedown fill; sole insulated with $\frac{1}{4}$ " thick ensolite. Bottom and lower sides of coated waterproof nylon, uppers of Supernyl. COLORS: *Blue, Orange, Green as available. SEND FOOT TRACING. **\$8.50**

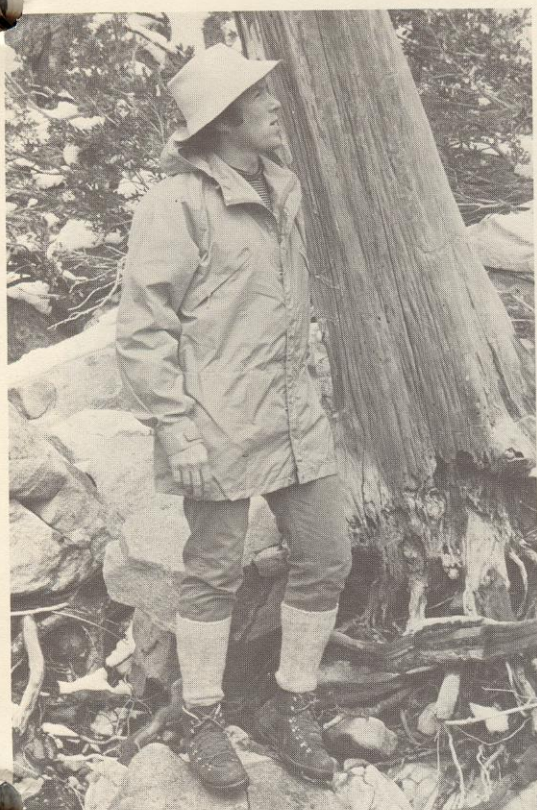




60/40 mountain parka

Blend of nylon/cotton fabric for maximum wear and excellent comfort due to superior breathing qualities and the pleasant texture of cotton blended with nylon. This parka has found great favor with climbers and sportsmen who will carry a few ounces extra to obtain a tougher garment. A good bit of detail is built into this parka. Cuffs are gusseted and close with Velcro . . . a wide range of adjustment is possible and ventilation should be controllable at the wrist. Four front pockets are bellows-patch type with Velcro closed flaps—reliable, easy to operate and positive. Rear of parka has zippered pocket that allows sweater, etc., to be carried at back. Parka is lined from hood to waist. Drawcord at waist, and drawcords for hood with friction sliders of leather. Front zipper of nylon in #7 industrial size. Zipper covered with storm flap that closes with snaps. Parka cut generously for wear over insulating layer. Sizes: X-SM., SM., MED., LGE., X-LGE. COLORS: Navy, Orange. Wgt.: 24 oz. (Lge.)

\$34.25



mountainshell parka

This is what most people think of as the ideal lightweight, all nylon mountain parka. Light and compact . . . it is the perfect and necessary item to be carried in one's daypack to meet that unexpected turn of weather. Fabric is a tough and wind-proof nylon that is double-layered through the upper sleeves, body and hood. Two-way nylon zipper closure with a snap fastened overflap. Two zippered front pockets and zippered compartment across the back. Draw-cord at waist. Cuffs close with Velcro and are fully gusseted. SIZES: X-SM., MED., LGE., X-LGE. COLORS: Orange or Willow Green. Wgt.: 14 oz. Avg.

\$27.50

climbers cagoule

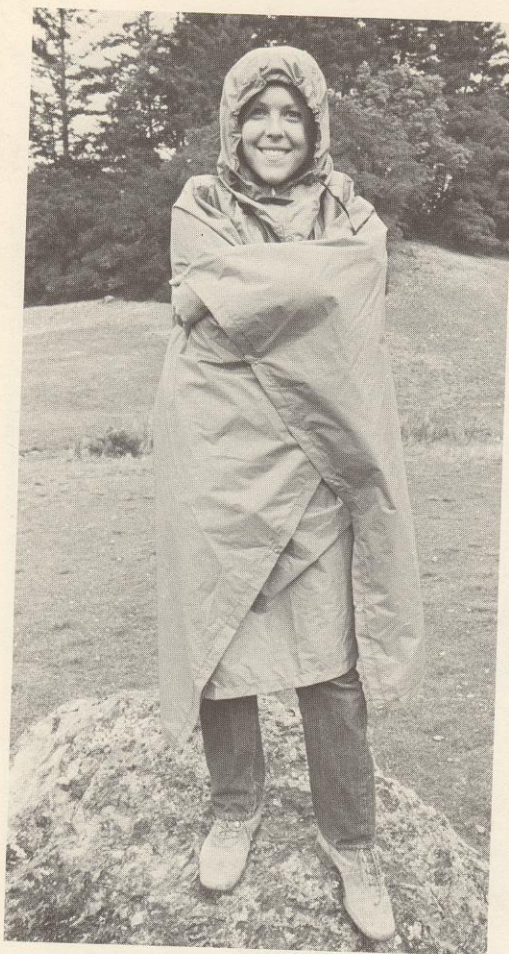
Designed for the mountaineer who wants a light, waterproof parka for bivouac. The Cagoule, slightly revised from last year, is now double-fabric through hood, trunk and upper 2/3 of sleeve. This parka is so roomy in its cut that it becomes, in effect, a tent you wear. Large pocket front-and-center. A nylon zipper closes throat-opening, and cuffs are snap-elastic combination. Fabric is coated ripstop nylon. SIZES: Large or Colossal. Two sizes only.

MEDIUM: Order if you are medium or smaller. X-LARGE . . . all others. COLORS: Orange or Blue.

Wgt.: 14 oz.

\$27.50



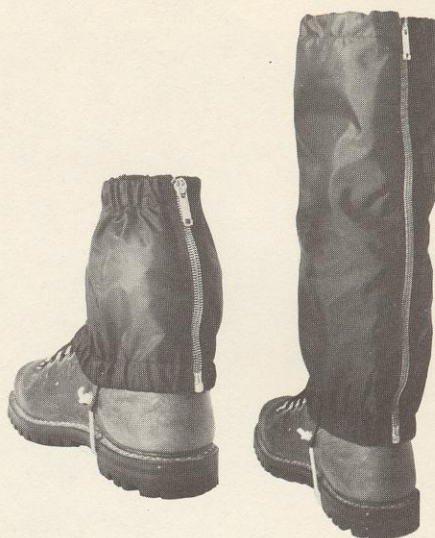


ponchos

Two models in coated Nylport fabric. Protection against rain, plus use as tarp or emergency shelter. Snaps provided at wrist and down each side. Grommets placed in corners and along sides. Attached hood has visor. Seams are sealed. COLORS: Blue.

STANDARD PONCHO: 84" x 70"
Wgt.: 14 oz. **\$18.50**

PACKBOARD PONCHO: 100" x 70"
Wgt.: 16 oz. **\$21.50**



low gaitors

Indispensable for snow and scree. Made of 60/40 cloth. Nylon zipper closure up back. Elastic top and bottom. 7" high. COLORS: Orange or Navy. Wgt.: 3 1/2 oz. **\$5.00**

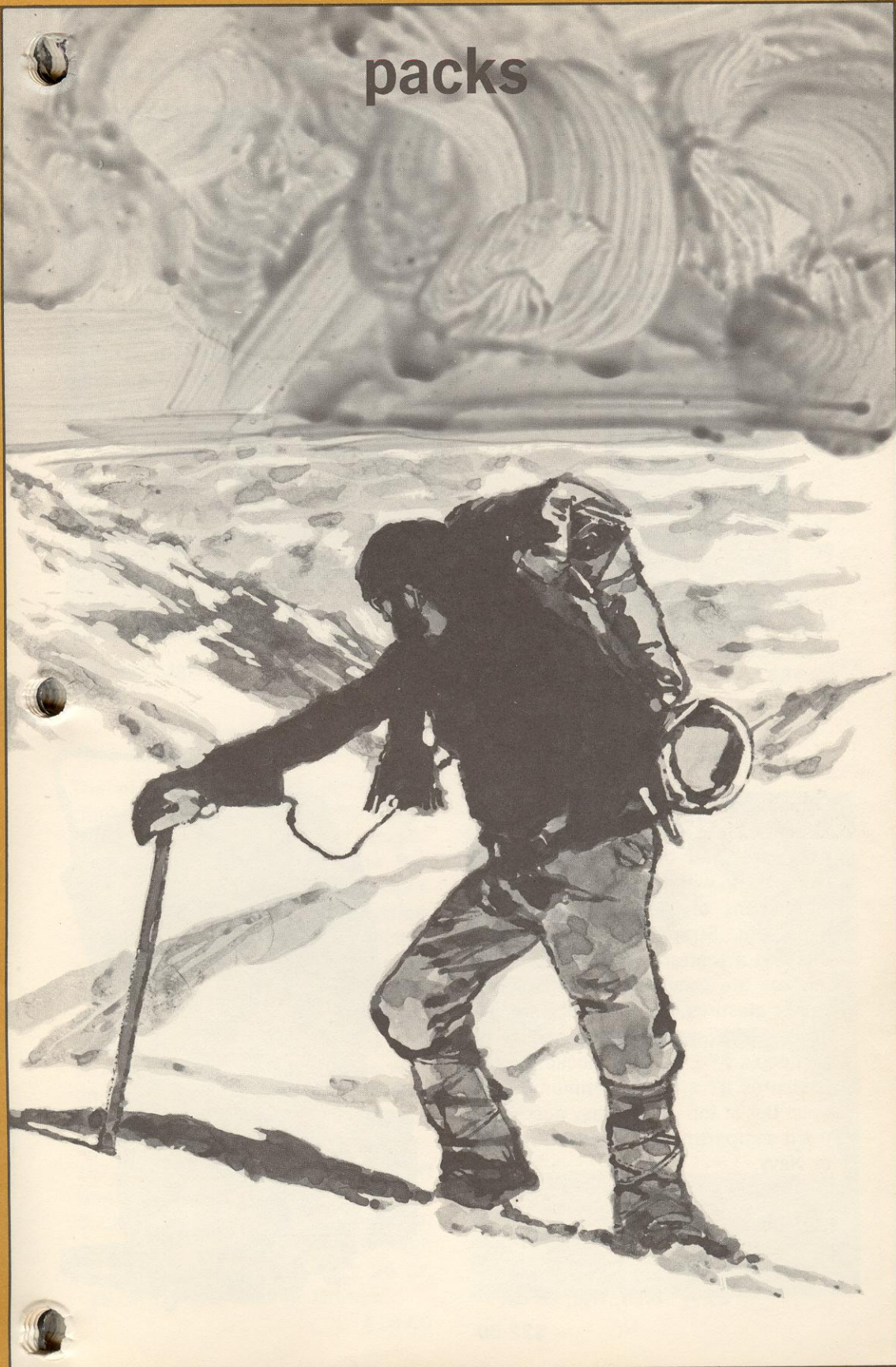
high gaitors

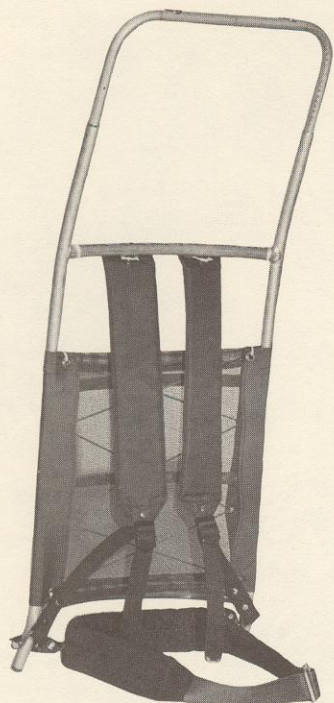
For use in deep snow. Made of 60/40 cloth with nylon zipper up back. Elastic bottom. adjustable top. 16" high. COLORS: Orange or Navy. Wgt.: 6 oz. **\$7.25**

rain chaps

A very useful item in wet brush or when used with parka or poncho. Made of Nylport. Wgt.: 4 oz. COLORS: Blue, Green and Orange. **\$5.00**

packs





frame assembly

Our frame units are designed to carry the heaviest loads in comfort, and to withstand hardest usage. Contour frame is built of 6061 T-6 aluminum alloy; all joints are heli-arc welded. Frame is fitted with a full size heavy nylon-mesh panel. This has proved superior to backbands for comfort and proper weight distribution. Mesh allows excellent ventilation, helping to keep your back cool and dry. Shoulder harness is padded with 3" thickness ensolite encased in tubular nylon. Padded waistbelt encircles the body and transfers load to your hips, rather than holding pack against the back. Frame has removable top extension for carrying extra loads. Two sizes.

REG. persons to 5'10" Wgt. 21¼ lbs.
LGE. persons over 5'10"

Wgt. 21½ lbs.
\$27.50

packbags

Large capacity packbags are made of 7.5 oz. coated waterproof nylon pack duck. We offer only the 2/3 length type of bag, with large area below for attachment of sleeping bag, foam pads, etc. Straps are provided for this and are attached to frame. Four pockets are provided, all with nylon zipper closures. Side pockets are 3" deep x 5½" x 12". Back pocket is 2" deep x 7" x 9". Map pocket on lid measures 8" x 12". Aluminum hold-open bar at top allows easy access to main compartment. COLORS: Scarlet or Navy.

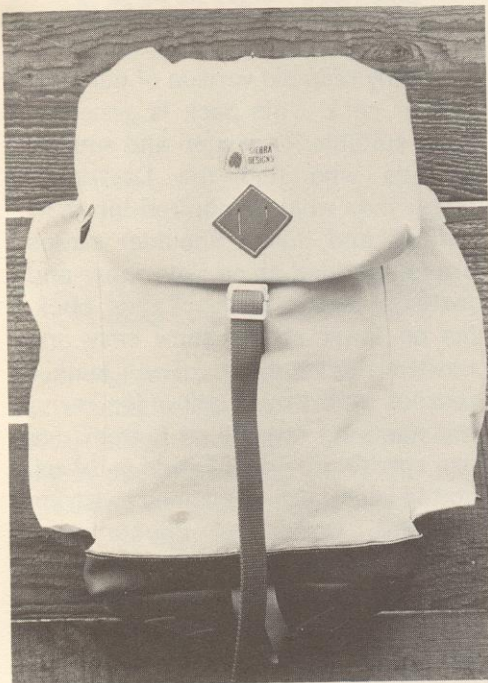
REGULAR SIZE: 7" deep x 15" wide
x 18" high. Wgt. 24 oz.

LARGE SIZE: 9" deep x 16" wide x
21½" high. Wgt. 28 oz.

\$22.50



summit



A medium size pack for the weekend mountaineer who knows how to travel very light. Three pockets: two side pockets 11½" deep x 5½" x 12" — lid pocket is bellows type 11" square. Zippers are nylon. A skirt of ripstop nylon is set to upper edge of pack, allowing extension of sack for overloading, or for use of pack as emergency footsack during bivouac. Pack comes with axe-carrier, waist-belt, and four accessory strap patches with straps. Two patches set on bottom and two on back. Padded shoulder straps attach to D-ring and adjust with tabler buckles. Pack fabric is a French type 14 oz. duck. For strength and abrasion resistance we feel there is no nylon that can compare with this cotton duck. Bottom of triple-tanned leather. COLORS: Royal Blue or Orange. Size: 20"x13"x7". Wgt.: 2 lbs., 6 oz. **\$24.00**

daytripper

The classic small pack for hiking, climbing and skiing. Wedge shape allows greatest freedom of movement, while pack lies snug to the back. Pack is divided into an upper and lower compartment, for division of items and control of weight-distribution. Shoulder straps attach at top to D-ring and join lower straps with tabler buckle for easy, positive adjustment. Three leather patches with straps allow carrying of ice axe, etc., on outside bottom. Bottom of leather. Pack fabric is a French type 14 oz. duck. For strength and abrasion resistance we feel there is no nylon that can compare with this cotton duck. Zippers are heavy-duty nylon. Waist belt included. Size is 19" high by 14" x 6½" bottom. Wgt.: 26 oz. COLORS: Royal Blue or Orange.

\$18.00





mini-tripper

A slightly reduced version of our Day-tripper pack. This pack is generally more suitable for women and smaller persons who find the Daytripper larger than what is required for short outings and hikes. Shoulder straps are felt padded as on Daytripper and fasten at top to D-ring. Tabler buckles on lower straps allow easy and positive adjustment. Two leather patches with straps allow for carrying items on outside of bottom. Ice axe carrier provided. Fabric is 14 oz. cotton duck for sustained wearing qualities. Bottom of double layer fabric. Zippers of nylon and waist belt included. Size is 16" high with 6 x 12 bottom. Wgt.: 20 oz. COLORS: Orange or Royal Blue. **\$14.00**

simplex

A small, inexpensive daypack that is excellent for casual outings or the daylong side trips one takes while backpacking. Pack constructed of 7.5 oz. coated nylon; waterproof and tough. Shoulder straps and waistbelt of nylon webbing. Pack has two pockets with nylon zipper closures. One pocket is on lid of pack and second pocket at rear. Overall dimensions, 14" high x 6"x10" bottom. COLORS: Red or Navy. Wgt.: 15 oz.

\$9.25



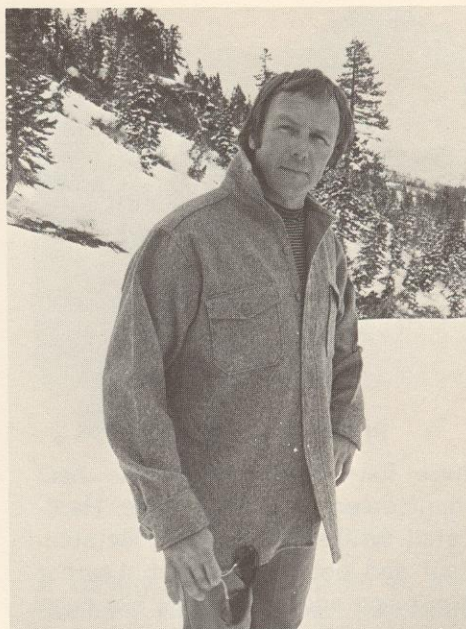
alaskan shirt

A straightforward wool shirt of a jacket-weight 20 oz. 100% virgin wool. Long tails, two button-down breast pockets. Sizes: 14 to 18.

COLOR: Salt and Pepper Gray.

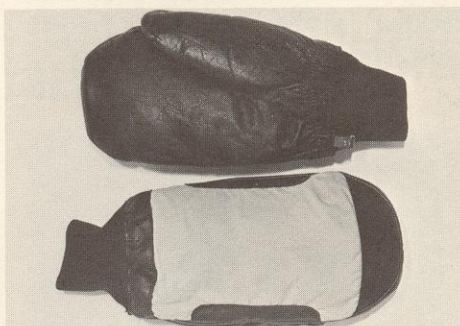
Wgt.: 1¾ lbs.

\$15.00



down mitts

Full thumb and palm of glove leather, with back of nylon. Elastic wrist, and ring and dee to fasten pair together. Filled with goosedown. Wgt.: 8 oz. pr. Sizes: X-SM, SM, MED, LGE. **\$15.00**



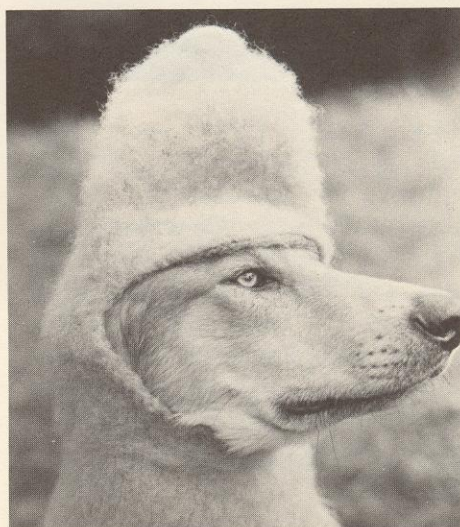
balaclava

From Scotland. Made of soft Shetland wool. Works as hat or full head cover.

COLORS: Orange, Gray, Fawn.

Wgt.: 4 oz.

\$2.75





annapurna goggle

These have to be about the best mountaineering glasses made. Hard-coated synthetic lenses are scratch-proof and optically perfect. Leather nose piece and side wings are comfortable and properly vented. A most comfortable and nicely designed and executed glacier goggle. French made. Wgt.: 3 oz. w/hard case.

\$11.00



sportif

By the same French manufacturer as the Annapurna goggle. An excellent pair of glasses for all sporting use. Curved, hard-coat synthetic lenses are optically true and will not shatter and are virtually scratchproof. Frames and bows are beautifully made and very comfortable. Wgt.: 2 oz. in soft protective case. **\$11.00**

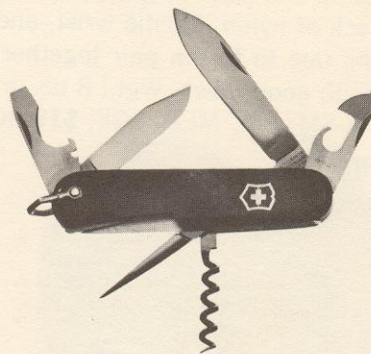


plainsman

Made by Puma-Werk of Solingen, Germany. A no-nonsense single-bladed clasp knife. Construction is very solid. Handle is one-piece solid brass, with side scales of Jacaranda wood set in. Blade will hold the sharpest edge, and is of finest quality stainless cutting steel. Blade locks open. Folds to length of 5"; blade 4". Comes with light leather case.

Wgt.: 6 oz.

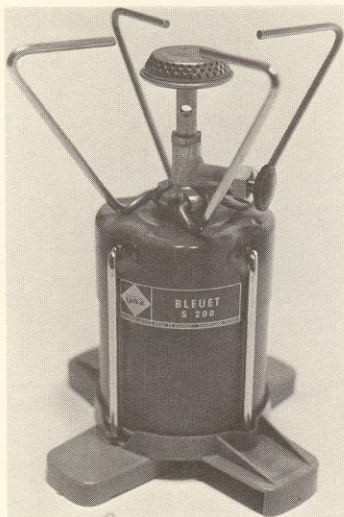
\$18.00



camper

Made by the original maker of Swiss Army knives. Victorinox. Has everything you really need in a knife. Two blades, corkscrew, punch, can opener, various screwdrivers and prying devices. Has lanyard bale. Wgt.: 2 oz.

\$7.50



bluet stove

Certainly one of the most reliable and convenient stoves available. Uses pressurized cartridges that are quickly changed. No leakage, priming or pumping. Cartridge burns for 2½ to 3½ hours. Wgt.: 1½ lbs. with fuel.

\$7.50

Cartridges/Box of 6. Wgt.: 4 lbs.

\$7.75

Wind Screen. Wgt.: 4 oz.

\$1.85



chouinard yosemite hammer

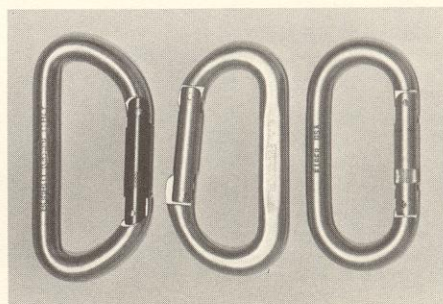
An outstanding hammer developed over a period of years on the most demanding climbs in the "valley." 18 oz. drop forged head and hickory handle. A very tough and well-balanced hammer. Each hammer has a sewn nylon shoulder sling.

Wgt.: 22 oz. **\$12.50**



prismatic compass

A quality compass made in West Germany. A superbly accurate instrument of the direct-reading prismatic type. Liquid filled. Has a light, strong case with lanyard and bale. Closed case fits into leather carrier. Instructions provided. Wgt.: 4 oz. **\$11.50**



bonnatti locking carabiner

Wgt.: 2 oz. +. Test 4000 lbs. **\$3.00**

chouinard carabiner

Cast/forged with strength 5000 to 6000 lbs. gate closed. Gate can be opened under body weight.

Wgt.: 2 oz. + **\$3.50**

oval carabiner

The basic alloy biner. Wgt.: 2 oz. + Test 3200 lbs. **\$2.50**

Brake Bar for Chouinard Carabiner **\$1.25**



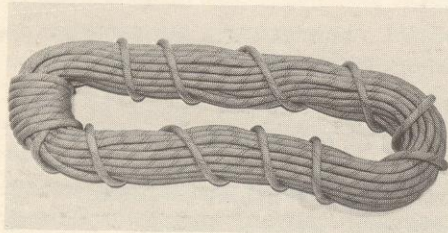
dolt® hammer holster

Mod. "W" — The most popular of Dolt's astonishing holsters. Will take the Chouinard hammer as well as others. Wgt.: 2 oz. Made of nylon. **\$3.00**



interalp axe

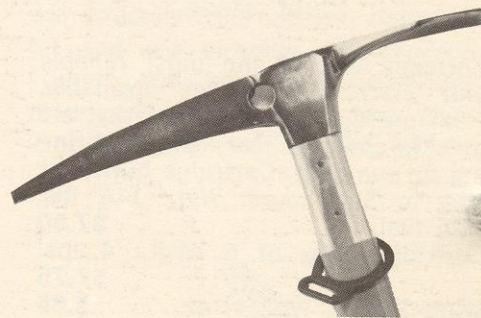
Laminated wooden handle for strength and forged steel head of graceful and functional design. Carabiner hole. Avg. Wgt.: 2½ lbs. 32", 34", 36", 38". **\$26.00**



perlon climbing rope

Edelrid brand Perlon rope is one of the leading ropes made in the world today. Exceeds U.I.A.A. standards. Kernmantle construction with "kern" of continuous filaments. Characteristics of perlon ropes are fine handling and superior strength. 11 mm for high angle rockclimbing and 9 mm for double rope technique or more modest mountaineering.

150'	11 mm—7¼ lbs.	\$44.00
165'	11 mm—8 lbs.	\$50.00
150'	9 mm—5¼ lbs.	\$33.50
165'	9 mm—5¾ lbs.	\$35.00



c m i ice axe

Metal-shafted with head of forged chrome steel. Spike of chrome steel and can be replaced. Carabiner hole, glide ring and sling. Avg. Wgt.: 2½ lbs. 24", 32", 34", 36", 38" lengths. **\$30.00**

32

BUILDING MATERIALS/Wgts. per square yard/Prices running yard. All fabrics are 45" wide unless otherwise indicated.

14 oz. Canvas Duck. For packs. COLORS: Orange or Royal Blue 36" width, **\$3.00**
 7.5 oz. Nylon Pack Cloth. Waterproof coated. COLORS: Navy or Red, **\$3.25**
 1.9 oz. Ripstop Nylon. Sleeping bags, clothing, tents. COLORS: Blue or Orange, **\$1.70**
 1.5 oz. Ripstop Nylon. Sleeping bags, clothing. COLORS: Brick, Navy, Bright Blue, **\$1.95**
 1.0 oz. Nylon Net. COLOR: Green, **\$.95**
 2.25 oz. Nylon Taffeta. Clothing, downgear. COLORS: Navy, Orange, Green, Red, **\$1.70**
 2.75 oz. Nylport. Coated, waterproof. COLOR: Royal Blue, **\$1.95**
 60/40 Cloth. Clothing, outershell or downproof. 4 oz. wgt. COLORS: Navy or Orange, **\$2.50**
 Prime Goosedown. 1 lb. sacks, **\$16.75**
 70" #10 nylon zipper. Two-way sliders. Sleeping bag type. 4 oz. **\$3.75**
 Parka zipper: #10 23" or 25". Nylon, **\$2.00**
 Parka zipper: #5 21" up to 25". Nylon, **\$1.10**
 Parka zipper: #5 Two-way sliders, 26", 28", 30". Nylon, **\$1.40**
 Seam Sealant: Paint on seams for waterproofing. 4 oz. can, **\$1.35**

Mountain Specialty Shops That Sell Our Products Locally

ARIZONA: Flagstaff/Village Sports Den
7 N. LeRoux (602) 774-2271
Phoenix/High Adventure Headquarters
3215 E. Camelback Rd. (602) 955-3391

CALIFORNIA: Los Angeles/West Ridge Mountaineering
11930 W. Olympic Blvd. (213) 477-5250
Sacramento/Alpenhaus
2760 Fulton Ave. (916) 483-9529
San Diego/San Diego Ski Chalet
4004 Midway Dr. (714) 223-7173
Stanley Andrews Sporting Goods
840 "B" St. (714) 232-2167

COLORADO: Boulder/Holubar Mountaineering
1975 - 20th St. (303) 442-7656
The Spoke The Spoke
1201 Broadway 617 S. Broadway
(303) 442-4086 (303) 444-0977
Denver/Holubar Mountaineering
3920 E. Exposition (303) 722-5111
Fort Collins/Alpine Haus
628 S. College (303) 482-2043

MASSACHUSETTS: Amherst/Eastern Mountain Sports
Rt. 9 (Hadley) (413) 253-5081
Boston/E. Mtn. Spts. Mountaineering Supply
1041 Commonwealth (617) 254-6677
Cambridge/Climber's Corner
49 River St. (617) 876-6270
Springfield/Howard Buffington
174 Buckingham St. (413) 733-9356
Wellesley/E. Mtn. Spts. The Mountain Shop
189 Linden St. (617) 237-2645

NEW YORK: Latham/Tri-City Area/Mountaineering Recreations
960 - A Troy Schenectady Rd.
(518) 785-0340
Mt. Vernon/Westchester/Alpine Recreations
694 Locust St. (914) 667-4461
New York City/Camp & Trail Outfitters
112 Chambers St. (212) 227-5895
Leon Greenman, Inc.
132 Spring St. (212) 966-5380

NORTH CAROLINA: Charlotte/Hi-Camp Outfitters
P.O. Box 17602

OREGON: Portland/Cloud Cap Chalet
1127 S.W. Morrison Ave. (503) 227-0579

UTAH: Salt Lake City/Timberline Sports
2959 Highland Ave. (801) 466-2101

WASHINGTON: Mt. Vernon/Skagit Valley College
Cardinal Bookstore
2405 College Way (206) 424-1031 Ext. 285

WISCONSIN: Madison/H. H. Petrie Sporting Goods
644 State St. (608) 256-1347

WYOMING: Jackson/Powderhorn Mountaineering
Box 1228 (307) 733-3595

design: alfred marty

SIERRA DESIGNS, INC.
4th & Addison Streets
Berkeley, Calif. 94710

Bulk Rate
U.S. Postage
PAID
Berkeley, Calif.
Permit No. 710

Marie Marks
6633 Cutting Blvd
El Cerrito
CA 94530

Address Correction Requested

Return & Forwarding Postage Guaranteed